

II. AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE:

Kindly replace the Abstract of the Disclosure with the following new Abstract,
wherein a clean copy of the new Abstract follows the marked-up copy on a separate page:

~~The time required to process a subset of an array can be shortened.~~ Table-formatted data is divided into information blocks₁ each including a value list (VL) where the item values are arranged in order of item value number corresponding to the item value of each item₁ and a pointer array (PV) where the pointer values₁ each indicate ~~indicating~~ an item value number₁ are arranged in order of unique record number. A part of records is selected as a subset, and in response to the selection, an ordered set array including the record numbers of the subset is created. Each record number in the ordered set array indicates the position of one of the pointer values in the pointer array, which. ~~The pointer values in the pointer array~~ are arranged in the item value number array correspondingly to the positions where the record numbers are arrayed. With reference to the values in the item value number array, a second pointer array wherein (PV2) where position elements are arranged₁ and a second value list wherein (VL2) where value elements are arranged₁ are generated.